UPS SERIES

User's manual

Version 1.0

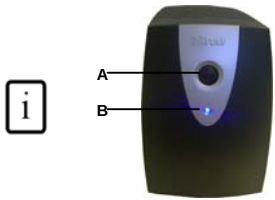
UK
DE
FR
IT
ES
PL
NL
PT
GR
DK
SE
HU
CZ
SK
FI
NO
TR
RU

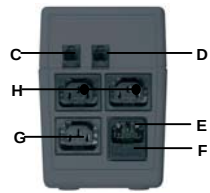
UPS SERIES

User's manual

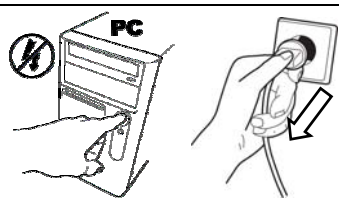
Version 1.0

SI

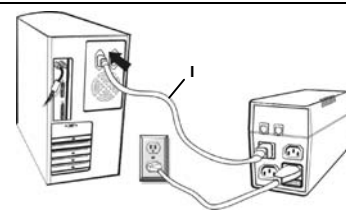




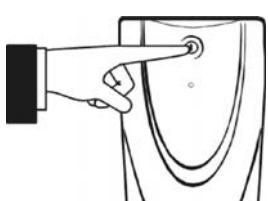
1



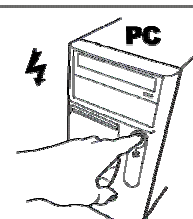
2



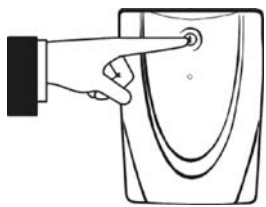
3



4



5



6

UK

Product information

A: On/Off button
B: Status LED
- AC power: Lit steady
- Battery power: Lit flash

C: Phone/Modem out
D: Phone line in
E: AC input
F: Fuse holder

G: Surge only output
H: Backup output
I: Loop through cables

Installation

1 PC off

Use power cable from PC to connect UPS to AC socket
Use loop through cable (**I**) to connect PC to UPS Backup output (**H**)

2

⚠ Device connected to Surge Only output (**G**) does not get UPS backup!
⚠ UPS least 20cm away from monitor!

UPS on

3

⚠ The UPS might be battery low due to its self-discharge characteristic; suggest to charge 8 hours before using battery power!

4 PC on

Replacing fuse

5 UPS completely off

⚠ Use fuse of same rating (250V, 8A)!
⚠ (**B**) stores a backup fuse!

6

Open fuse holder
Replace a proper fuse at position **A**

Reminder

⚠ UPS is charged only when AC power is supplied and UPS is on!
⚠ Fully discharge then recharge the battery every 3 months for longer battery life!
⚠ Connect incoming analogue phone line to **D**; Connect a telephone or modem to **C**!
⚠ Backup time is related to the connected devices and battery condition!
⚠ UPS does not have dial-up function nor smart management like message alarm!
⚠ Conductive device, like laser printer, is suggested to connect to the Surge Only output!

Specification

Model		**14948**	**14949**	**14950**	**14938**
Operation type		Line Interactive			
Output capacity		500VA /240W	600VA / 300W	750VA /360W	950VA /480W
Input		230 VAC			
	Voltage range	170 ~ 274 VAC			
	Frequency	47-63 Hz			
Output		230 VAC			
	Frequency	50 / 60 Hz			
	Freq. regulation	+/- 1 Hz			
Surge current protection [J]		Max. 150			
Maximum surge current [Amp]		6,500 A			
Transfer time (typical)		Less than 3 ms			
Battery	Battery type & number	12 V/4.5 AH, 1 pc. Or 6V / 4Ah, 2pcs.	12 V/7 AH, 1 pc.		12 V/9 AH, 1 pc.
	Backup time (min.)	12 ~ 30	26 ~ 45		34 ~ 60
	Charge time	8 hours to 90% after full discharge			
Surroundings	Working surroundings	0 – 40° C, 0-90% relative humidity			
	Sound level	Less than 40 dB			
Weight		4.9 kg	6.7 kg		
Minimum load		40.8W	51W	61.2W	81.6W

Indication and audio alarm

Indicator	**Sound**	**Output**	**Char-ging**	**Description**	**What to do?**
-	-	-	No	UPS is turned off	Turn the UPS on using the ON/OFF button.
Blue	-	230 V	Yes	Normal use	No action.

Blue (flashing)	A beep every 10 seconds	230 V	No	No input voltage	No input voltage. Is now using the battery voltage. Save your data and turn off your computer.
				No input voltage and load on UPS is too low	Due to Green Power function, UPS may shut down in 5 minutes when the load is lower than +/-10% of the minimum load required.
Blue (flashing quickly)	Beep every second	230 V	No	Battery low. UPS will turn off soon.	Save your data immediately and turn off your computer.

For extensive service, register at www.trust.com/register.

Safety

- Warning: This product contains sealed lead-acid battery(s).
  May release toxic materials into the environment when not disposed properly.
  Must be recycled properly. Contact your local government.
  Short circuit of the battery(s) may cause burns, fire or explosion.
  Do not disassemble, puncture or expose to high temperatures. Acid and toxic materials might be released, causing injury.
- This UPS generates leakage current less than 0.5mA, please use in comfort.
- The sum of the leakage current of the UPS and its connected equipments must not exceed 3.5mA.
- Do not open or repair this device.
- Disconnect the power plug from the mains supply before cleaning the device.
- Keep this device away from liquids, such as water.
- Do not use this device in combination with non-computer related items, such as medical equipment, microwave ovens, vacuum cleaners, etc.
- Make sure the UPS is placed on a firm surface, such as your desk or the floor.
- ALWAYS use the UPS with an earthed plug socket.
- Do not connect a multiple socket to the UPS.
- Never cover the UPS to avoid overheating. Keep the UPS out of the reach of heat sources, such as the sun, heaters, etc.
- The outputs may have a high voltage, even when the device is turned off.
- Keep the UPS at least 20 cm from your monitor.
- Do not expose the battery to a naked flame. This may cause the battery to explode.
- Never drill holes into the battery.
- The battery must not be opened or damaged. If the battery is opened or damaged, electrolyte may be released, which is harmful to skin, eyes and the environment.
- When the battery is empty, ask your local authority where you can dispose of it.

CE

- This device meets the essential requirements and other relevant conditions of the applicable European directives. The Declaration of Conformity (DoC) is available at www.trust.com/14938/ce, www.trust.com/14950/ce, www.trust.com/14948/ce, www.trust.com/14949/ce

If possible, dispose of the device at a recycling centre. Do not dispose of the device with the household waste.

Warranty & copyright

- This product has a two-year manufacturer's warranty which is effective from the date of purchase. For more information see www.trust.com/warranty
- Reproduction of this manual or any part of it is prohibited without permission from Trust International B.V.